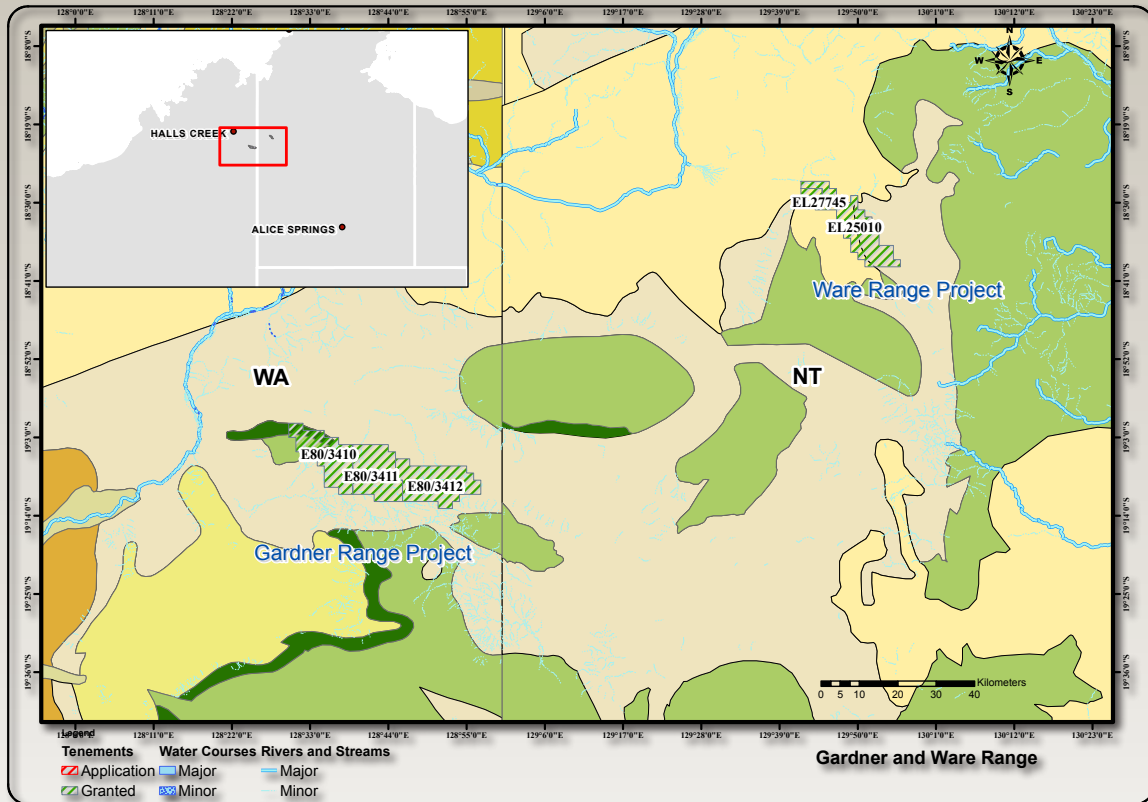


Quantum Resources Limited (ASX:QUR) is actively exploring for a wide range of commodities including uranium, gold, rare earth elements and base metals at several key project locations in Western Australia and the Northern Territory.

Quantum's key project tenements cover approximately 20,000sq km in the Northern Territory and Western Australia. The regional exploration is focused in an area 150km south-east of Halls Creek, Western Australia known as the Gardner Range. This area includes the historic Mount Mansbridge uranium prospect where potentially significant exploration successes suggest the region is also highly prospective for rare earth elements (REE).

## Project location



## Gardner Range

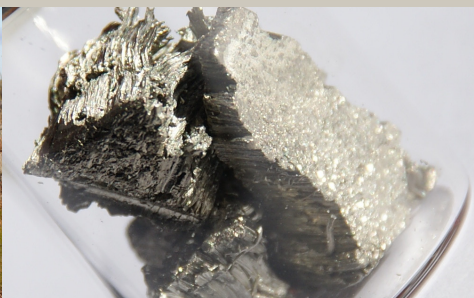
Historical and recent successes suggest the Gardner Range region is highly prospective for REE mineralisation and also uranium and gold. The 2010 exploration program included heritage surveys, RadonX™ surveys and the collection of over 500 MMI soil, stream and rock-chip samples.

- 100% owned by Quantum and includes the Mount Mansbridge uranium deposit
- Uranium discovered in this location during the 1980's by a joint-venture between Canadian Energy Resources (CER) and BHP Billiton
- CER & BHP reported up to 980ppm uranium and 7% yttrium (REE) within several small pits
- This discovery is associated with the unconformity between the Gardner Sandstone and the underlying Killi-Killi beds
- Potential for mineralisation further supported by an unexplored 60km north by north-west regional faulting system
- Sample results from 2010, plus a review of geophysical data and aerial photo-geological mapping work, has highlighted a number of areas warranting follow-up for uranium and REE mineralisation, with some potential for gold and base metals
- The 2011 field program began in August and over 1,000 samples have been collected; with early results indicating anomalous regions of the rare earth element yttrium
- A regional program of stream gravel sampling has been proposed to produce heavy mineral concentrates, which will be assayed for rare earth elements and uranium indicator minerals
- During July 2011, a Heritage Clearance Survey was completed with all proposed areas of work cleared by the Traditional Owners and the KLC, allowing the Company to commence field work in August 2011

## Rare Earth Elements (REE)

Quantum routinely explores for rare earth elements through standard assaying procedures. This exploration has not been actively promoted to investors but given that many REE oxide prices are soaring the company is giving REE and heavy rare earth elements (HREE) special explorations focus.

- There are 17 REE's in total; 15 belong to the chemical group lanthanides plus yttrium and scandium
- They are crucial in modern technology with a wide range of uses and attributes including high powered magnets, wind turbines, hybrid vehicle components, computer hard-drives and fluorescent lighting
- China currently controls 90% of supply and 50% of consumption
- Prices have increased on average by 300% between January and August 2010; some individual metals rose 720%
- A report by previous explorers identified up to 7% yttrium in rock chip samples at Mount Mansbridge, Gardner Range
- This report is very encouraging and the area is now a key priority for further exploration



## Ware Range

Located approximately 200kms north-east of the Gardner Range project, the Ware Range Project contains the Gardner Sandstone, which unconformably overlies Archaean rocks and is considered prospective for unconformity style uranium mineralisation.

- The Company intends to drill test a mapped calcrete deposit as it represents an attractive uranium target with well known examples in WA (eg Yeelirrie, Lake Maitland) and Namibia (Langer-Heindrich); highlighting the potential for this style of mineralisation
- Calcrete has been mapped in a drainage system that overlies the unconformity between the Gardner Sandstone and the underlying Helena Creek beds
- In addition to the drilling program, reconnaissance geological mapping, spectrometer surveying and MMI soil sampling over several previously identified airborne radiometric features are also planned
- In June 2011 an Aboriginal Areas Protection Authority (AAPA) Certificate under the Native Title Act was received, with no restricted work areas identified
- A Mining Management Plan for the drilling was approved in 2011 by the Northern Territory Department of Resources

## Telfer Project

The Company holds a single Exploration Licence Application E45/2401 located 6km to the northeast of the Newcrest Mining Ltd Telfer gold mine.

- The Telfer gold mine is host to one of Australia's largest gold deposits with a reported ore reserve of 18 M/Oz of gold and 0.685 M/T of copper within a mineral resource of approximately 27 M/Oz
- Previous drilling within the tenement identified gold mineralisation at the Chicken Ranch Prospect, which included results of 6m @ 15.8g/t gold
- Subject to the Exploration Licence being granted, the Company will re-evaluate the historical data with a view to defining an appropriate exploration program

## Board of Directors & Senior Management

Joseph Gutnick  
*President & CEO*

Mr Craig Michael  
*Executive Director &  
General Manager*

Dr David Tyrwhitt  
*Non-Executive Director*

Mr Michael  
Kammermann  
*Exploration Manager*

Mr Peter Lee  
*Company Secretary*

## Capital structure

Quantum Resources Ltd is listed on the ASX:QUR. There are currently 814,703,218 shares with a market capitalisation of A\$7.33M.

HEAD OFFICE  
Level 8, 580 St Kilda Road,  
Melbourne, VIC 3004, Australia  
+61 (0) 3 8532 2840  
quantum@axisc.com.au

EXPLORATION OFFICE  
2B, 177 Great Eastern Highway  
Perth, WA 6104, Australia  
+61 (0) 8 9221 3355  
quantum@axisc.com.au



www.qur.com.au